

# M N FEATURES

NAME \_\_\_\_\_

Create a map of the moon and include the following features. Be sure to label each feature:

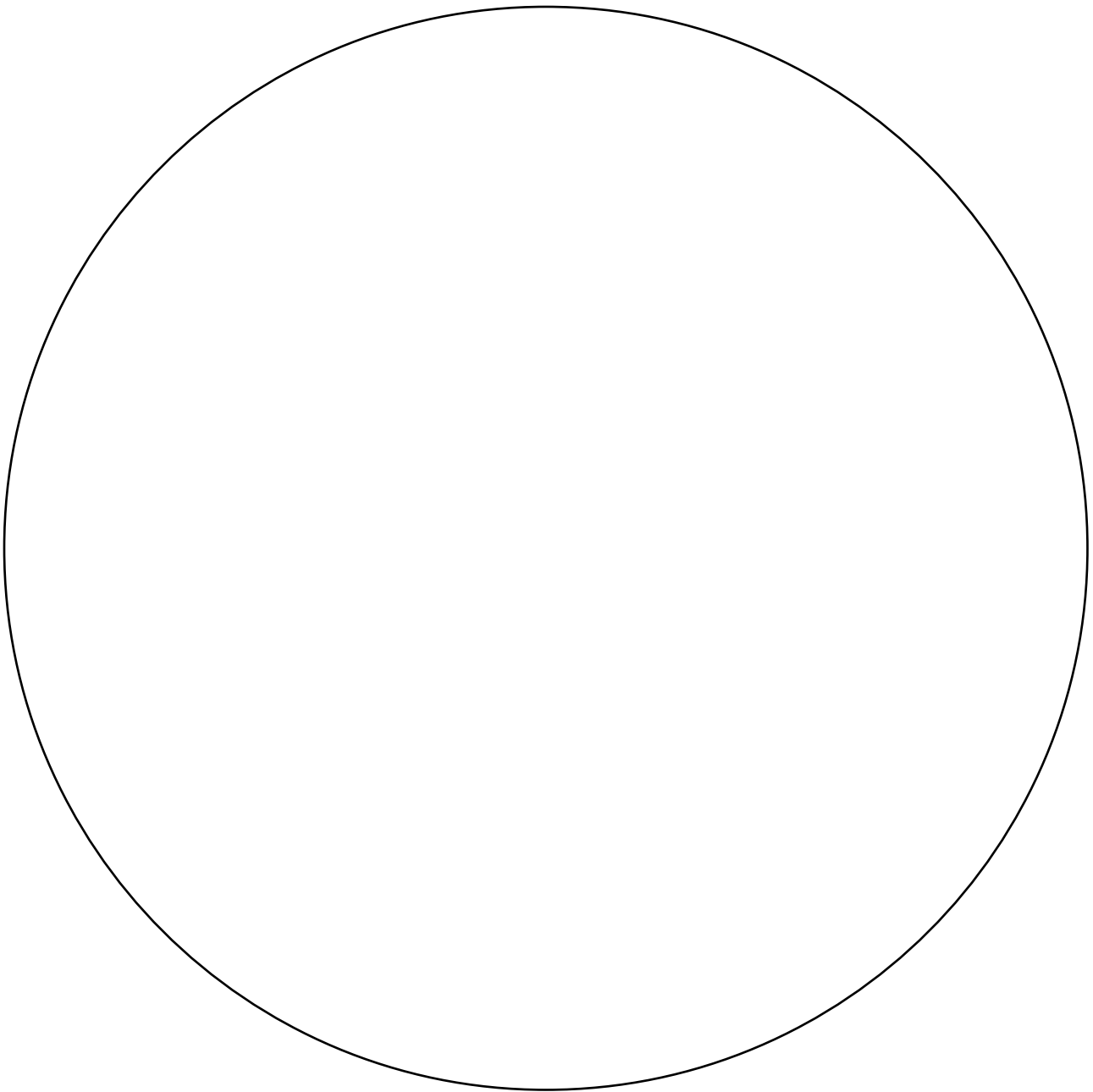
**Craters:** Tycho, Kepler, Copernicus, and one other of your choice

**Maria:** Sea of Tranquility, Sea of Serenity, Ocean of Storms, and one other of your choice.

**Rays:** place them around Copernicus and Tycho

**Rille:** randomly place a few on your map

**Apollo Astronaut Landing spots:** Apollo 11, Apollo 12, and Apollo 17



1. How do craters occur?
2. What happens to the rocky asteroid as it hits the moon?
3. When fine powdery dust settles on the moon after an asteroid collision, what is that powder called?
4. Can we grow plants in this lunar "soil?"
5. What are maria?
6. Why are maria darker colored than other areas of the moon? (composition)
7. On which side of the moon do maria occur?
8. How do rays form?
9. What color are the highlands of the moon?
10. What color are the lowlands of the moon?
11. What is the term given to a collapsed lava tube on the moon?
12. Is there atmosphere on the moon?
13. Is there a water cycle on the moon?
14. What is the temperature range on the moon?
15. How long is one entire day on the moon? (sunrise to sunrise)
16. How long is it from sunrise to sunset?